

Remarks**Amendments to the Specification**

In various locations in the specification (and in claim 25), "separation channel" is more precisely described as "downstream separation channel". This correction finds support, for example, in the description at page 9, lines 20-22, with reference to Figs. 1A-1B: "In preferred embodiments of the invention, the ratio of the lengths of the sample-volume region to the separation channel in the device, $d:d'$, is between about 1:50 to 1:1." The Figures clearly show that the length d' refers to the downstream separation channel region, not the entire separation channel.

Amendments to the Claims

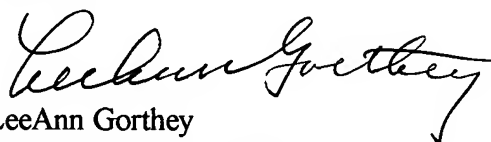
Independent claim 23 finds support in original claims 15, 17 (a selected concentration of a titratable species) and 21. Language describing the control unit is also found in the specification at page 12, lines 20-21. Language pertaining to a selected concentration of a titratable species is also found in the specification at page 5, line 32 to page 6, line 5; page 13, lines 1-5; page 17, lines 10-23; and page 20, lines 4-10.

Claims 24-26 find support in original claims 16, 18, and 19. Language pertaining to a selected concentration of a titratable species in relation to lengths of channel regions (claim 26) is also found in the specification at the locations noted above.

Entry of this amendment prior to examination is respectfully requested. No new matter is added by any of the amendments.

Respectfully submitted,

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